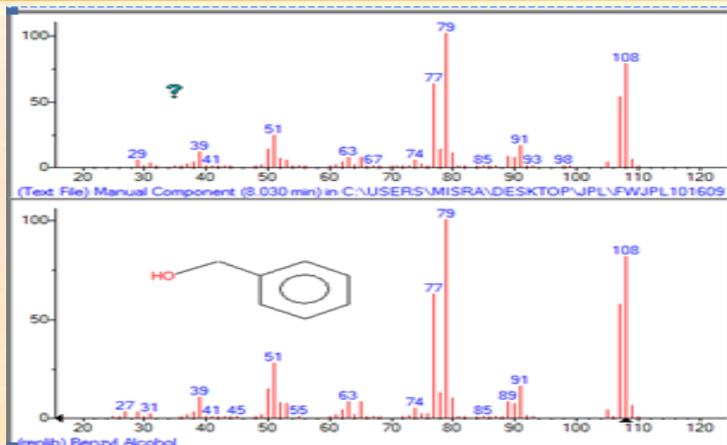




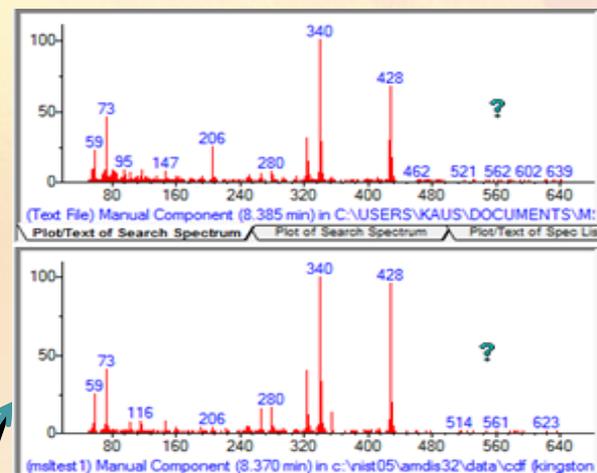
# Prabhakar Misra & Raul Garcia/Howard University/GSFC Code 699



NIST Library search for a TIC Peak for HYSOL EA9360 at retention time 8.03 and identified as Benzyl Alcohol by the library.

## Target Organic Contaminant GC-MS Spectral Library Development for the Mars Science Laboratory

- Extensive sets of data files of tested materials have been analyzed and the organic compounds present have been identified.
- Spreadsheets have been developed to organize the data in a logical manner.
- Comparison of unknown spectra with the library has helped to identify and quantify organic samples.



Comparison of unknown spectra in file A versus spectra that was found in file B and placed in the library.